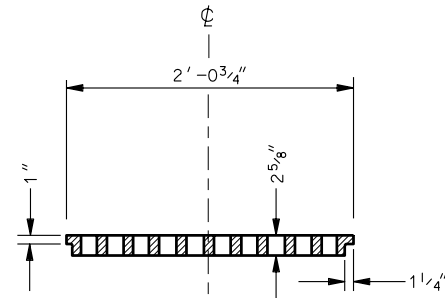
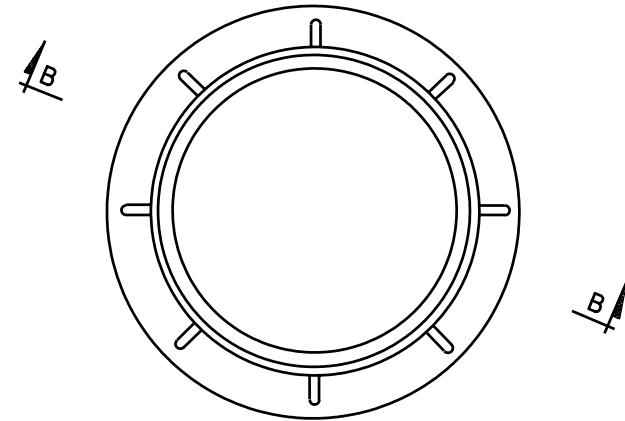


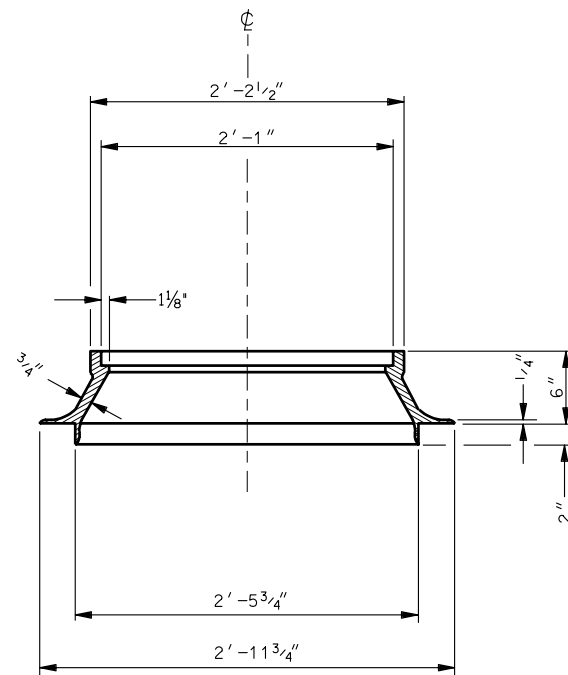
GRATED COVER PLAN



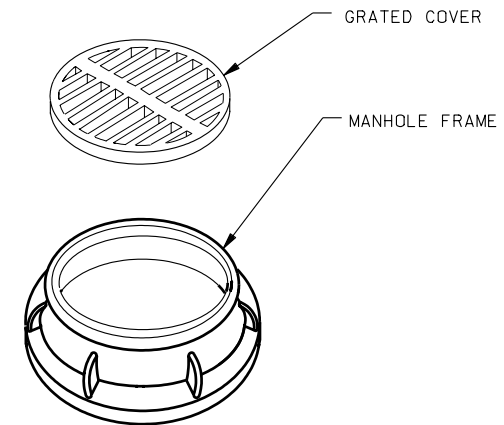
SECTION A-A



FRAME PLAN



SECTION B-B



NOTES:

1. MANHOLE FRAME AND COVER FURNISHED IN CAST GRAY IRON CONFORMING TO AASHTO DESIGNATION M 105, CLASS 30B.
2. USE PRECAST CONCRETE GRADE RINGS TO ACHIEVE FINISH GRADE ELEVATION. PRECAST GRADE ARE FURNISHED IN HEIGHTS OF 4", 6" AND 8", TOTAL HEIGHT OF GRADE RINGS NOT TO EXCEED 1'-0". CONFORM ALL PRECAST GRADE RINGS TO AASHTO DESIGNATION M 199.
3. DIMENSION OF GRATE OPENINGS MAY VARY AMONG MANUFACTURES. SUBMIT SHOP DRAWING FOR APPROVAL PRIOR TO INSTALLATION.
4. ESTIMATED WEIGHT OF FRAME AND COVER 385 LBS.

DESIGN DATA

MS 18 (HS 20) OR INTERSTATE ALTERNATE LOADING IN ACCORDANCE WITH CURRENT
AASHTO AND INTERIM SPECIFICATIONS.

[illegible]